

CLAIMS

WE CLAIM:

1. A tool mount for positioning a tool vertically and laterally with
respect to a work piece, comprising:
 - a base;
 - a tool carrier having a surface for receiving a tool and adjustable vertically on
said base to position the tool vertically with respect to the work piece; and
 - a spacer on the base to position the tool laterally with respect to the work
piece.
2. The tool mount of claim 1 wherein the spacer engages the work piece.
3. The tool mount of claim 1 wherein the base comprises a center plate
supported by a pair of side plates and the tool carrier slides on the center plate with a vertical
component of movement.
4. The tool mount of claim 3 in which the center plate and side plates
are joined by a fastener and the tool carrier is clamped in position on the center plate by the
side plates.

2 5. The tool mount of claim 3 wherein the tool carrier has a lateral
component of movement and the spacer is adjustable laterally on the base.

2 6. The tool mount of claim 5 in which the center plate and side plates
are joined by a threaded fastener and the tool carrier and spacer are clamped in position on
the center plate by the side plates.

2 7. The tool mount of claim 3 in which said tool carrier and center plate
have mating sliding surfaces at an angle of the order of 20 degrees to horizontal.

2 8. The tool mount of claim 5 in which said spacer slides laterally on said
center plate.

2 9. The tool mount of claim 1 for positioning a tool to drive fasteners
through tongue and groove flooring strips into a subfloor.

2 10. The tool mount of claim 9 in which said spacer engages the edge of
a tongue and groove flooring strip, below the tongue, to position the tool mount laterally of
the tongue and groove strip on the subfloor.

2 11. The tool mount of claim 7 in which a tool on the tool carrier has an operative axis extending at 45 degrees to the horizontal.

2 12. The tool mount of claim 9 in which a tool secured to the tool carrier, has a safety actuator with an end engageable with the upper surface of the tongue of a strip of tongue and groove flooring.

2 13. The tool mount of claim 8 with guides between the center plate and the tool carrier and spacer, respectively.

2 14. The tool mount of claim 13 in which each guide comprises a dovetail rib and a mating slot on adjacent sliding surfaces.

2 15. The tool mount of claim 8 with means limiting movement of the tool carrier part and spacer part, respectively, with respect to said base.

2 16. The tool mount of claim 15 in which the movement limiting means comprises a pin on one part received in a mating slot on the other part.

2 17. The tool mount of claim 1 for a tool which fastens tongue and groove flooring to a subfloor, the base of the tool mount resting on the subfloor with the spacer

engaging the face of a strip of tongue and groove flooring and the tool mounted on said tool
4 carrier to drive fasteners through the face of the tongue and groove strip and into the
subfloor, the tool mount having a handle for an operator to move the tool mount and tool
6 across the subfloor, along the length of the strip of tongue and groove flooring.

18. The tool mount of claim 17 in which said handle is a wand extending
2 upwardly from the tool mount and away from the strip of tongue and groove flooring to be
pushed by the operator to move the tool mount.

19. The tool mount of claim 18 in which said wand extends upwardly at
an angle of the order of 45 degrees and away from the tongue and groove strip at an angle
of the order of 45 degrees.

20. The tool mount of claim 1 in which said tool carrier comprises a
vertical ball and screw on said base.

21. The tool mount of claim 1 in which said tool carrier comprises a
2 scissors jack on said base.